

POL/35-60-5-4/23

Measurement of Quick Changing Temperatures Applied During Investigations of Unsteady Heat Exchange Processes

frequent changes, by means of an optical oscillograph and photograph film. Obtained results are analyzed by means of graphs and mathematical differential and calculus equations. Having found the relationship between gas parameters, wall temperature and time factor, various other relationships e.g. velocity of gas, its density, temperature, etc. can be worked out. These results can be applied in designing installations of similar characteristics. There are 5 figures, 9 graphs, 1 photograph and 5 references of which 3 are English and 2 Polish. ✓

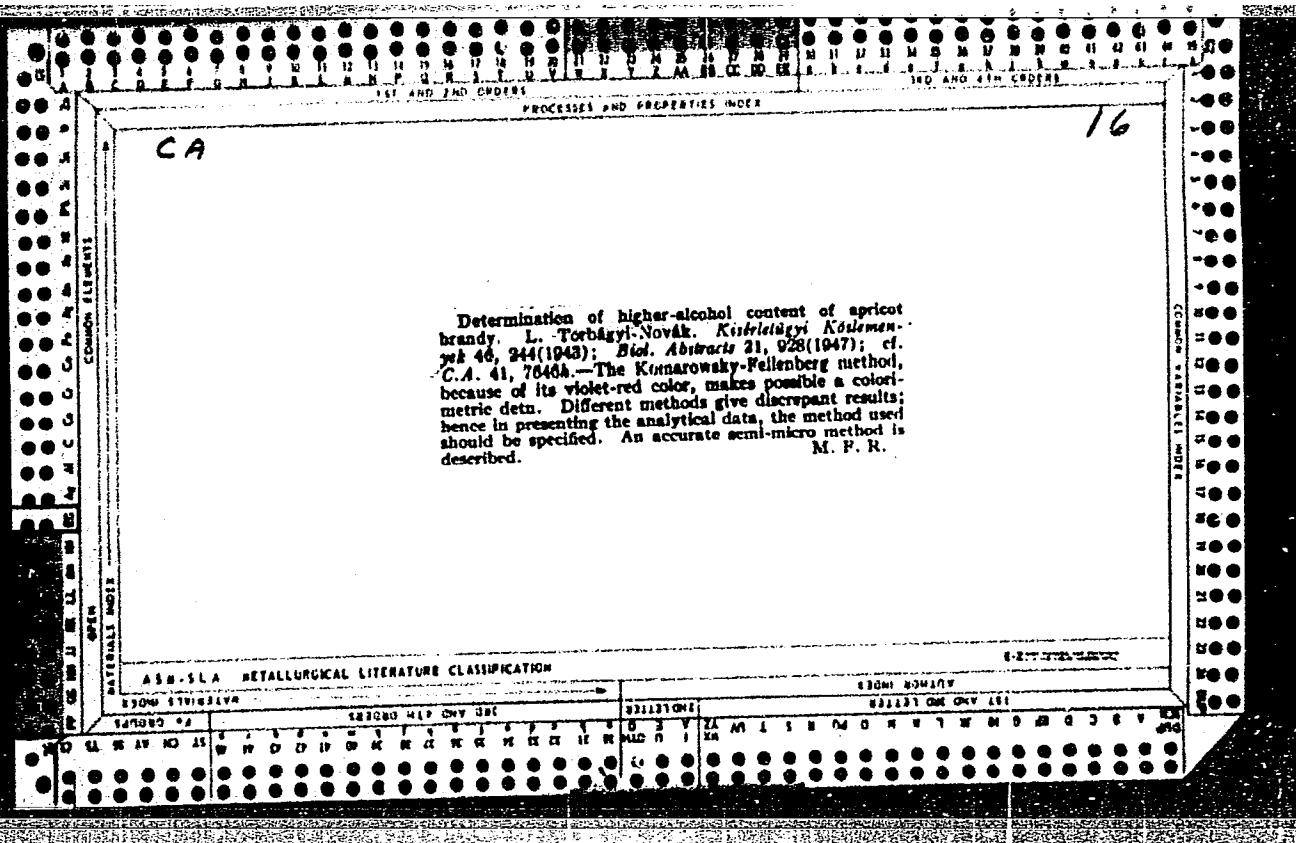
Card 3/3 .

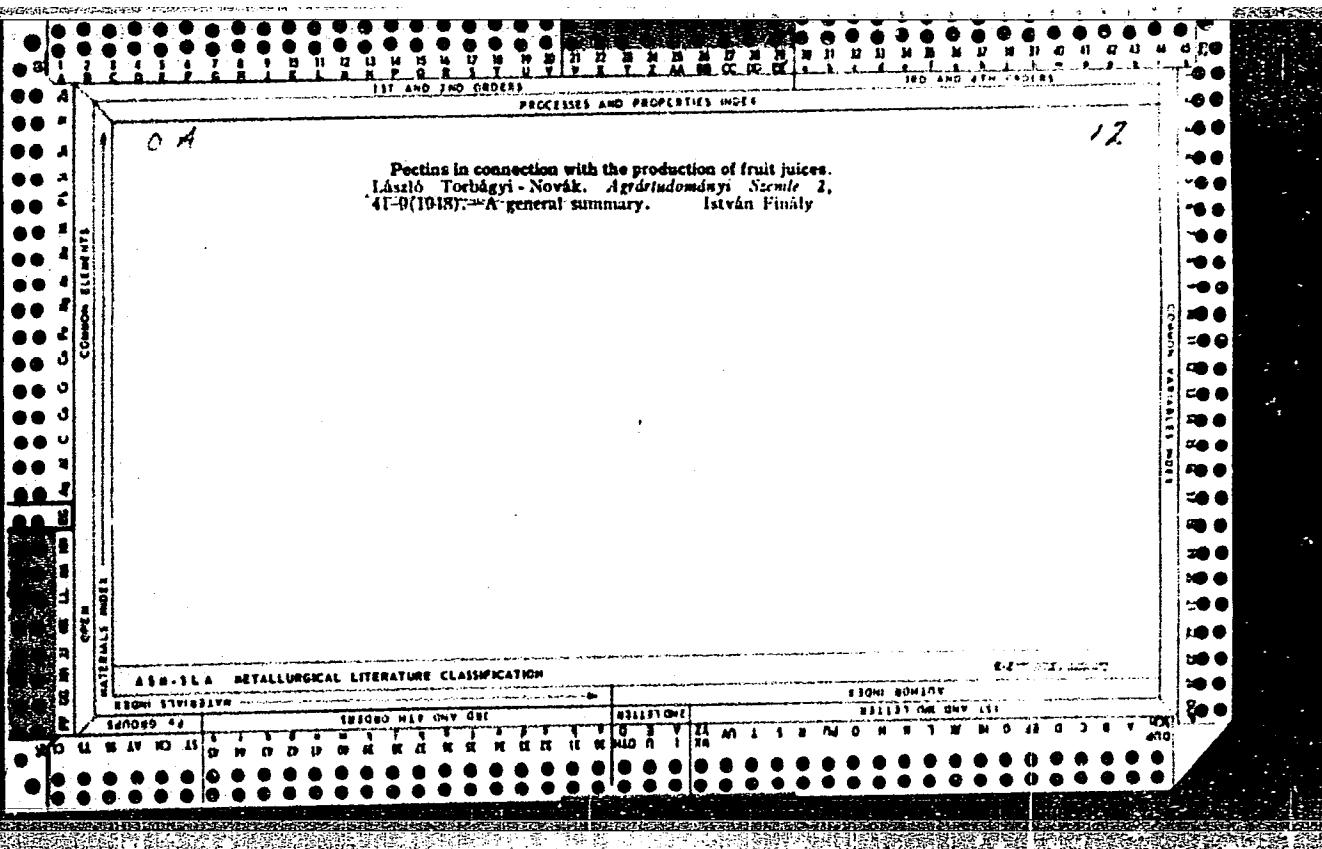
TORBACHEVA, A. P.

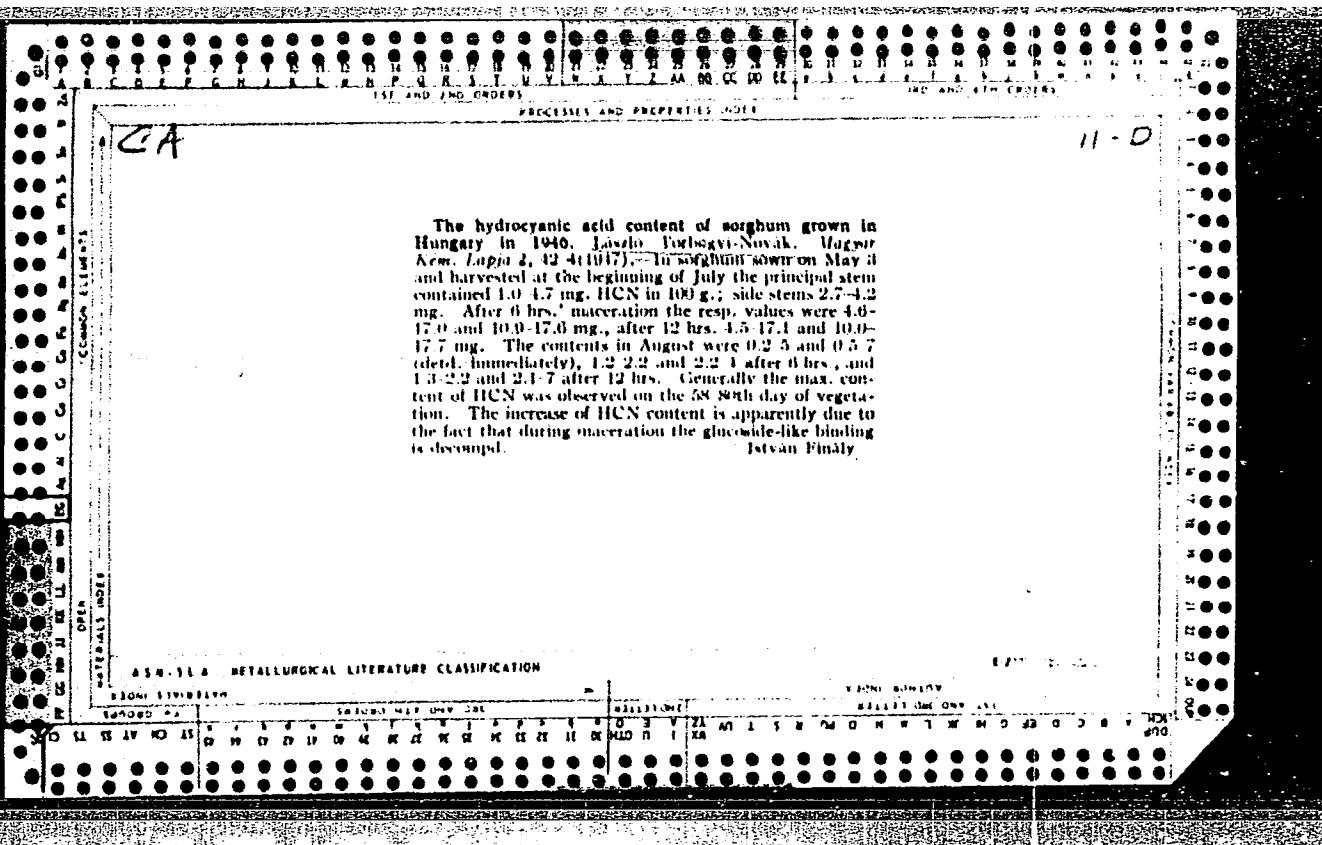
25853

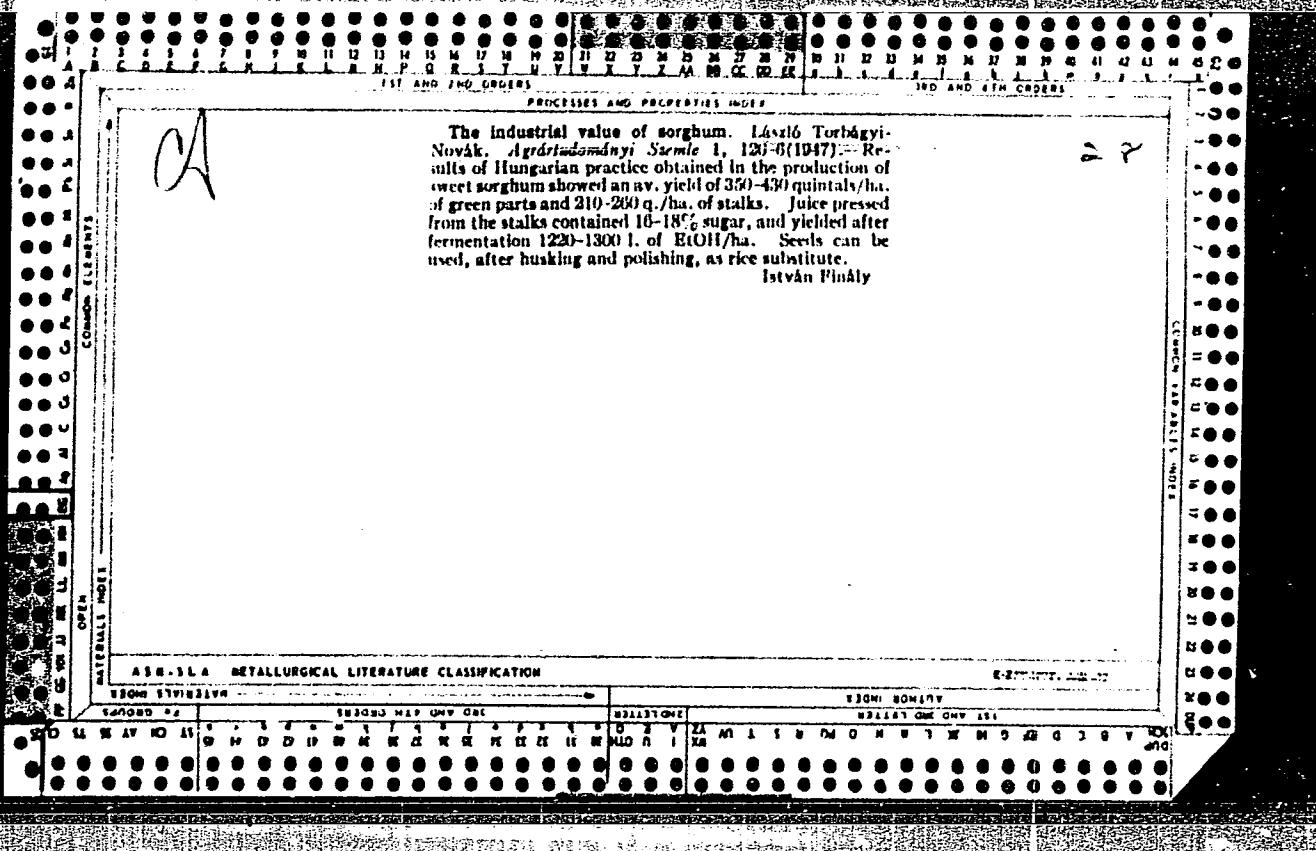
Kopredeleniyu diaminokialot v ndrmakh. Trudy Vsesoyuz. Nauch-issled. in-ta
zhivotnovodstva, T. XVII, 1949, s. 156-64 - Bibliogr: 12 nazv.

SO: Letopis' No. 34









TORBAGYI-NOVAK, L.

Torbagyi-Novak, L.; Nagy, S.

"Timely Problems of Quality Control in the Fermentation Industry," p. 233.
(Elelmezesi Ipar. Vol. 5, no. 8 Aug. 1951, Budapest)

SO: Monthly List of East European Accessions, Vol. 3 No 6 Library of Congress, Jun 54, Uncl.

TORBAGYI-NOVAK, L.

"Role of Raw Material for Flour in the Development of Quality of Flour Products of the Confectionary Industry." p. 270 (ELEMEZESI IPAR. Vol. 8, No. 9, Sept. 1954; Budapest, Hungary.)

So: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 4, April 1955, Uncl..

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2"

TORBAGYI NOVAK, Laszlo; KISMARTON, Karoly; KOTTASZ, Jozsef

Improvement of the methods for technical control in the food industry. Elelm ipar 13 no.1:15-16 Ja '59.

1. Magyar Szabvanyugyi Hivatal (for Torbagyi Novak).
2. Muszaki Egyetem (for Kismarton).
3. Fovarosi Vegyeszeti Intezet (for Kottasz).

TORBAGYI-NOVAK, Laszlo, dr.

Basic organizations for food industry standards. Szatvany kozl
14 no.2:34-37 F '62.

JARAI, Gy.; KARACSONYI, L., dr.; TORBAGYI-NOVAK, L., dr.

Report on the session of the technical committee of the
ISO/TC 34 "Agricultural food products." Szabvany kozl 14
no.9:206-209 S '62.

KINDLER, Jozsef; TORBAGI-NOVAK, Laszlo, dr.

Supporting standardization work by the methods of mathematical statistics. Szabvany kozl 14 no.12:277-285 D '62.

KINDLER, Jozsef; TORBAGYI-NOVAK, Laszlo, dr.

Contribution to standardization work in the industry of
refreshment drinks through mathematical-statistical methods.
Konzerv paprika no.3:94-106 My-Je '63.

1. Muszaki Egyetem, Budapest (for Kindler).
2. Magyar Szabvanyugyi Hivatal, Budapest (for Torbagyi-Novak).

TORBAGYI-NOVAK, Lajzlo, dr., okleveles vegyesz

Standardization of sugar peas preserved by heat treatment.
Szabvany kozl 16 no.9:159-162 S '64.

1. Hungarian Bureau of Standards, Budapest.

TORBAGYI-NOVAK, Laszlo dr., a kemial tudomanyok kandidatusa

Testing the weight of fine bakery products. Szabvany kozi
17 no.3:134-136 Mr '65.

1. Hungarian Bureau of Standards, Budapest.

KHODALEVICH, A.N.; BREYVEL', I.A.; BREYVEL', M.G.; VAGANOVA, T.I.
[deceased]; TORBAKOVA, A.I.; YANET, P.Ye.. Prinimali uchastiye:
SOKOLOV, B.S.; VAGANOVA, T.I. [deceased]; SHURIGINA, M.V..
PRONIN, A.A., red.; GOROKHOVA, T.A., red.izd-va; GUROVA, O.A.,
tekhn.red.

[Brachiopods and corals from the Eifelian bauzite-bearing deposits
of the eastern slope of the Central and Northern Urals] Brakhio-
pody i korally iz eifel'skikh boksitonosnykh otlozhenii vostoch-
nogo sklona Srednego i Severnogo Urala. Moskva, Gos.nauchno-tekhn.
izd-vo lit-ry po geol. i okhrane nedr, 1959. 282 p. (MIRA 13:3)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.
Ural'skoye geologicheskoye upravleniye.
(Ural Mountains--Brachiopoda, Fossil)
(Ural Mountains--Corals, Fossil)

TORBAKOVA, A.F.

~~Conularia from Tournaisian deposits on the eastern slope of the Northern Urals. Trudy Sver.gor.inst.no.26:86-92 '56.~~
~~(MIRA 10:3)~~
(Ural Mountains--Conularida')

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2

KHODALEVICH, A.N.; TORBAKOVA, A.F.; KAPYSHEVA, V.S., red.

[Paleontology] Paleontologija. Moskva, Vysshiaia shkola,
1965. 409 p. (MIRA 18:7)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2"

KAZARNOVSKIY, Ya.S., kand.khim.nauk; KOBZEV, N.I., doktor khim.nauk;
STEZHINSKIY, A.I.; TORBAN, B.S.

Explosive conversion of methane. Part 3. Trudy GIAP no.8:106-123
'57. (MIRA 12:9)
(Methane) (Gas and oil engines) (Fuel--Testing)

TORBAN, B.S.

"The Explosive Conversion of Methane; Part 3," Khimicheskaya
Pererabotka Neftyanikh Uglevodorodov (Chemical Conversion of Petroleum
Hydrocarbons), Academy of Sciences USSR, Moscow, 1956, pp 153-166

Sum 145 9

TORBAN, M.A. [decoy add]

Production of purified diphtheria and tetanus antitoxins using the
nonspecified adsorption method. Vuk. i svr. maf. 1976-123 163.
(MIRA 1986)

1. Stavropol'skij institut vnutri i byvrotok.

113

CA

Dept-Biochemistry

Colorimetric determination of histidine. D. A. Tsuverkalov and M. A. Torban (Med. Inst., Odessa). *Biokhimiya* 19, 74-80 (1951). --The Kapeller-Adler method for the detn. of histidine (*C.A.* 37, 539) is modified by generating Br from KBr, and by replacing the NH₂OAc with NH₄Cl. Thus, to 2 ml. of histidine-HCl (4 mg.) add 0.1 ml. 10% H₂SO₄, 1 ml. 10% KBr, and 0.6 ml. 0.1 N KMnO₄. The mixt. is allowed to stand at room temp. for 10 min., treated with 2 ml. of 10% NH₄Cl and 1 ml. 10% NaOH, and then heated at 80° for 3 min. The violet color in the cold mixt. is suitable for colorimetric comparison. Org. solvents like C₂H₅N and Me₂CO, which interfere when the histidine

bromination is carried out by the Kapeller-Adler procedure, may be present here. Hence, by extn. with C₂H₅N (Riegelert, *C.A.* 34, 10449), histidine can be detd. in biol. materials. For the detn. of histidine in urine, add 0.2 ml. C₂H₅N to 8 ml. urine, and treat with activated C (amt. not important). After 20-30 min., remove the C by centrifugation. To 2 ml. of the colorless soln., add 0.1 ml. 64% HgSO₄, 1 ml. 10% KBr, 0.6 ml. 0.1 N KMnO₄, and let stand 10 min. Add 2 ml. 10% NH₄Cl and 0.3 ml. 27% NaOH. Heat on the water bath for 3 min. Compare the violet color with a standard soln. of histidine contg. 2% C₂H₅N. Histidine in protein hydrolysates can be similarly detd. B. P.

1951

17 (3,12)

AUTHOR:

Torban, M.A.

TITLE:

Some Aspects of the Mechanism of Inactivating Toxins With Formalin.
Author's Summary.

PERIODICAL:

Zhurnal mikrobiologii, epidemiologii i immunobiologii, 1960, Nr 4,
pp 83 - 84 (USSR)

ABSTRACT:

The author made a study of the aggregation of nitrous tetanus toxin products which develop during the inactivation of the toxin with formalin. The investigations tend to show that the main mechanism in the inactivation of the toxin is, in fact, this aggregation of nitrous products, during which there takes place a fixation of the toxin's toxophore groups. These products are characterized by their stability and chemical inertness, which in turn explains the toxoid's resistance to heating, prolonged storage or the action of proteases.

Card 1/2

SOV/16-60-4-20/47

SOV/16-60-4-20/47

Some Aspects of the Mechanism of Inactivating Toxins With Formalin. Author's Summary.

ASSOCIATION: Stavropol'skiy institut vaktsin i syvorotok (Institute of Vaccines and
Sera, Stavropol')

SUBMITTED: July 18, 1958

Card 2/2

TORBAN, M.A.

TORBAN, M.A. za uchastyu B.P.Rogach.

Polypeptides in blood serum in malignant tumors. Medich. zhur.
24 no.3:121-123 '54. (MLRA 8:10)

1. Odes'ka zalisnychna likarnya.
(PEPTIDES, in blood,
polypeptides in cancer)
(NEOPLASMS, blood in,
polypeptides)
(BLOOD,
polypeptides in cancer)

TORBAN, M. A.

New method of quantitative estimation of serum protein.
M. A. Torban (Railroad Hosp., Odessa). Laboratornee
Dets. No. 3, 14-16(1955).—Protein is detd. gravimetrically. The drying is accomplished by evapg. 1 cc. of serum and 0.05 cc. of 40% formalin in a porcelain dish over a boiling-water bath. The protein film is freed from salts and formalin by washing twice with 5 cc. of warm water. Cholesterol and lipides are removed by washing with ether for 2-5 min. Water removes nearly all the salts and ether 86% of cholesterol. The error is 1.2%. The method can be used also in the detn. of immune horse-serum protein (at pH 8) and purified and concd. pseudoglobulin (also pH 8) from the same serum.
A. S. Mirkin

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CIA-RDP86-00513R001756320005-2"

TORBAN-M.A.

Cholesterol esterification function of the liver in cancer and
infectious hepatitis. M. A. Torban (Railroad Hosp., Odessa;
Kishinev). Trop. Afr. 28, No. 3, 12-16 (1967). — In
cases of malignant tumor the blood level of total cholesterol
and its esters is normal. Hypercholesterolemia is found in
disturbance of hepatic excretory function, severe hemor-
rhages, and nephritis with nephrotic syndrome. In infec-
tious hepatitis the free cholesterol level increases due to the
impairment of the esterification function of the liver and
decreased excretion of this sterol. When interpreting the
cholesterol findings it is important to consider the age of the
patient since normal values vary widely with age.
A. S. Mirkin

TORBAN, M.A., kandidat meditsinskikh nauk; ZHURAVLEVA, Ye.I..

Test for histidinuria in malignant neoplasms. Vrach.delo no.7:763
(MLRA 10:8)
J1 '57.

1. Terapeuticheskoye otdeleniye (nach. - dotsent F.S.Kagan)
Odesskoy dorozhnoy bol'nitsy
(HISTIDINE) (URINE--ANALYSIS AND PATHOLOGY)
(CANCER)

ACC NR: AP6035877 (A,N) SOURCE CODE: UR/0413/66/000/020/0103/0103

AUTHOR: Torban, M. A.; Baylinson, A. V.; Dombrovskaya, N. L.; Makarova, V. R.

ORG: none

TITLE: Method of obtaining pseudocholinesterases. Class 30, No. 187238

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 103

TOPIC TAGS: cholinesterase, pseudocholinesterase, chemical synthesis

ABSTRACT: An Author Certificate has been issued for a method of obtaining pseudocholinesterases by salting out ammonium sulfate. To reduce costs and to increase the purity of the material, the by-products of serum production are treated with heavy-metal salts and ammonium sulfate. [WA-50]

SUB CODE: 07/ SUBM DATE: 07Jul62

U.S.A.: C.I.C. K.F./C. D.D. 04

ACC NR: AP6035877 (A,N) SOURCE CODE: UR/0413/66/000/020/0103/0103

AUTHOR: Torban, M. A.; Beylinson, A. V.; Dombrovskaya, N. L.; Makarova, V. R.

ORG: none

TITLE: Method of obtaining pseudocholinesterases. Class 30, No. 187238

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 103

TOPIC TAGS: cholinesterase, pseudocholinesterase, chemical synthesis

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SUB CODE: 07/ SUBM DATE: 07Jul62

Card 1/1

UDC: 615.45:615.779.84

BUDYLIN, V.V.; ILLYUTOVICH, A.Yu.; TORBAN, M.A.

Experimental study of antitetanus Diaferm-3 sera additionally
treated with aluminum hydroxide. Zhur. mikrobiol., epid. i
immun. 33 no. 2:87-92 F '62. (MIRA 15:3)

1. Iz Stavropol'skogo instituta vaktsin i syvorotok.
(SERUM)
(TETANUS)
(ALUMINUM HYDROXIDE)

TORBAN, M.A.; SMYSHLYEYEVA, V.I.

Method for determining reducing sugars in the presence of peptone
and its use for the study of polysaccharides. Lab. delo 7 no.10:
(MIRA 14:10)
40-45 0 '61.

1. Stavropol'skiy institut vaktsin i syvorotok (dir. - V.M.Kruglikov).
(PEPTONES) (POLYSACCHARIDES)

TORBAN, M.A.; SNYSPLYAYEVA, V.I.

Colorimetric method for the determination of proline. Zhur.anal.khim.
16 no.5:645-646 S-0 '61. (MIRA 14:9)

1. Stavropol Scientific Research Institute of Vaccines and Serums.
(Proline)

ILLYUTOVICH, A.Yu.; TORBAN, M.A.

Destruction of sugars by various strains of the tetanus bacillus
during toxin synthesis in Gluzman's medium. Zhur. mikrobiol.,
epid. i immun. 32 no.11:105-110 N '61. (MIRA 14:11)

1. Iz Stavropol'skogo instituta vaktsin i syvorotok.
(CLOSTRIDIUM TETANI) (TOXINS AND ANTITOXINS)
(SUGARS)

TORBAN, M.A.

Causes of titer reduction on the "Diaferm-3" antitoxic serums
during storage. Ukr. biokhim. zhur. 33 no.2:175-180 '61.
(MIRA 14:4)

1. Stavropol'skiy institut vaktsin i syvorotok.
(TOXINS AND ANTITOXINS)

TORBAN, M.A.

Proteolytic enzymes of tetanus toxin and their significance for
its stability. Zhur. mikrobiol. epid. i immun. 31 no. 4:79-83
Ap '60. (MIRA 13:10)

1. Iz Stavropol'skogo instituta vaktsin i syvorotok.
(TOXINS AND ANTITOXINS) (TETANUS) (PROTEASE)

TORBAN, M.A.

Mechanism of detoxication of toxins by formalin. Biokhimia
25 no.1:28-33 Ja-F '60. (MIRA 13:6)

1. Institute of Vaccines and Sera, Stavropol.
(TOXINS AND ANTITOXINS)
(FORMALDEHYDE)

TORBAN, M.A.

Proteins, peptides, and proteases in the serum of horses hyperimmunized with tetanus antigen. Ukr.biokhim.shur. 31 no.4;540-549 '59.
(MIRA 13:1)

1. Stavropol' Institute of Vaccines and Serums.
(TETANUS) (SERUM)

USSR/General Problems of Pathology - Tumors. Metabolism.

U.

Abs Jour : Ref Zhur - Biol., № 2, 1959, 8748

Author : Torban, M.A., Zhuravleva, Ye.I.

Inst :
Title : Test for Histidine in the Urine in Malignant Tumors.

Orig Pub : Vrachebn. delo, 1957, № 7, 763-764

Abstract : A positive imidazole test in the urine was observed in 86% of cancer patients; in 9% considerable imidazole was found. The test for histidine cannot serve for diagnostic purposes, because histidinuria is observed in 52% of the patients with peptic ulcer and 38% with atrophic hypacid gastritis, while in 25% of cancer patients with gastric carcinoma this test is negative.

-- K.P. Markuze

Card 1/1

USSR / General Problems of Pathology. Tumors. Metabolism.

U-5

Abs Jour : Ref Zhur - Biol., No. 10, 1958, No. 46848

Author : Torban, M. A.

Inst : Not given

Title : The Cholesterol-Esterifying Function of the Liver in Cancer
and in Infectious Hepatitis.

Orig Pub : Terapevt. arkhiv, 1956, 28, No. 3, 12-16

Abstract : The cholesterol-esterifying function of the liver was studied by determining the cholesterol (I) content in the serum, its fractions (general, free and combined (I)) and the esterification coefficient (the relationship of combined (I) to free (I)). Twenty-nine patients with various cancer sites, 26 patients with infectious hepatitis, and 67 patients with other diseases were examined. In the majority of cancer patients no changes were detected of the relationship between (I) fractions and

Card 1/2

TORBAN, M.A.

TORBAN, M.A.; KONDRAVKOVA, T.V.

Possibility of fractionizing antidiphtheric serums with zinc salts
and phosphomolybdic acid [with summary in English]. Biokhimiia 22
(MIRA 10:11)
no.3:460-466 My-Je '57.

1. Stavropol'skiy institut vaktsin i syvorotok.
(DIPHTHERIA, immunology,
immune serum, fractionation with zinc salts &
phosphomolybdic acid (Rus))
(ZINC,
salts, fractionation of anti-diphtheria serum (Rus))
(PHOSPHATES,
phosphomolybdic acid, fractionation of anti-diphtheria
serum (Rus))

MARCHENKO, N. I.; TORBAN, S. S.

Fishing - Astrakhan Province

Work practice of a fishing brigade on the "Karshik" fishing grounds, Ryb. khoz. 24, No. 1,
1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Unclassified.

TORBAN, S.S.; TYUKTYAYEV, I.Sh.; KAMENSKAYA, Ye.A., red.

[Coastal self-propelled vehicle for hauling wings of
seabeach seines] Beregovaya samokhodnaia mashina dlia
vyborki kryl'ev morskikh zakidnykh nevodov. Moskva,
Pishchevaia promyshlennost', 1964. 37 p. (MIRA 17:12)

TORBAN, S. S.

Fishing - Implements and appliance

Use of a roller on a self-casting seiner. Ryb. khoz. 28 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1952, Uncl.

ZIMIN, F. S.; TORBAN, S. S.

Fishing - Volga Delta

Fyke net fishing in the Volga delta by F. S. Zimin's method, Ryb. khoz. 25, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

1. FERSHTUT, N.S.; TORBAN, S. S.
2. USSR (600)
4. Ice Fishing
7. Mechanization of ice fishing, Ryb. khiz., 29, no. 3, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

1. MARCHENKO, N. I., TORBAN, S. S.
2. USSR (600)
4. Astrakhan Province - Fishing
7. Work practice of a fishing brigade on the "Karshik" fishing grounds. Ryb. khoz. 29, no. 1, 1953.
9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

MILLER, Boris Nikolayevich; TORBAN, S.S., spetsred.; LANDA, N.G., red.;
FORMALINA, Ye.A., tekhn. red.

[Mechanization of fish processing on ships] Mekhanizatsiya ob-
rabotki ryby na sudakh. Moskva, Vses. nauchno-issl. in-t morskogo
rybnogo khoz. i okeanografii, 1960. 51 p. (MIRA 14:10)
(Fishery products—Preservation)

TORBAN, S.S., kand.tekhn.nauk; DANIL'CHENKO, V.N., inzh.-mekhanik

Testing and modernizing machines used in hoisting drift nets.
Trudy VNIRO 39:11-22 '59. (MIRA 14:6)
(Fishing— Implements and appliances)

TORBAN, S.S., kand.tekhn.nauk; DANIL'CHENKO, V.N., inzh.-mekhanik

Investigating and developing the design of machinery for shaking fish
out of drift nets. Trudy VNIRO 39:23-42 '59. (MIRA 14:6)
(Fishing— Implements and appliances)

TORBAN, S.S., kand.tekhn.nauk

Some problems of mechanized fishing under ice. Trudy VNIRO 39:83-86
'59. (MIRA 14:6)
(Ice fishing)

TORBAN, S.S., kand.tekhn.nauk; DANIL'CHENKO, V.N., inzh.-mekhanik

Experimental installation for investigating the process of ice boring.
(MIRA 14:6)
Trudy VNIRO 39:87-90 '59.
(Ice) (Boring)

TORBAN, S.S., kand.tekhn.nauk; DANIL'CHENKO, V.N., inzh.-mekhanik

Some parameters of the process of ice boring. Trudy VNIRO 39:91-98
'59. (MIRA 14:6)

(Ice) (Boring)

TORBAROV, Kosta, ing.

Some constant relations in the Karst; meaning of the results of water investigations in relation to the designing of hydrotechnic constructions. Vodoprivreda Jug 2 no.4/5:95-100 '59. (EEAI 9:10)

1. "Elektroprojekt," Sarajevo.
(Yugoslavia--Water) (Karst)
(Hydraulic engineering)

SHLAPOBERSKIY, V.Ya., prof. (Moskva G-19, Gogolevskiy bul'var, d.11, kv.8);
TORBENKO, V.P., starshiy nauchnyy sotrudnik

Activity of the blood serum alkaline phosphatase in some tumors and
marginal diseases of the skeletal system. Ortop., travm. i protez.
25 no.8:45-47 Ag '64. (MIRA 18:4)

1. Iz otdeleniya kostnoy patologii (zav. - prof. V.Ya.Shlapoberskiy)
TSentral'nogo instituta travmatologii i ortopedii, Moskva.

TORBENKOV, Gennadiy Moiseyevich, aspirant; SKURIDIN, Vladimir Petrovich,
kand.tekhn.nauk, dötsent; YANKO-TRINITSKIY, Aleksandr Aleksandrovich,
doktor tekhn.nauk, prof.

Oscillographic recording of the working angle of a noiseless
synchronous motor during electromechanical transients. Izv.vys.ucheb.
zav.; elektromekh. 7 no.1:111-116 '64. (MIRA 17:9)

1. Kafedra teoreticheskikh osnov elekrotekhniki Ural'skogo poli-
tekhnicheskogo instituta (for Torbenkov).
2. Kafedra avtomatiki i
telemekhaniki Ural'skogo politekhnicheskogo instituta (for Skuridin).
3. Zaveduyushchiy kafedroy teoreticheskikh osnov elekrotekhniki
Ural'skogo politekhnicheskogo instituta (for Yanko-Trinitskiy).

TORBENKO, V. P.

Biological Effect of Ionizing Radiation on Bony Tissue

V. A. Polyakov, M. N. Pavlova and V. P. Torbenko

The effect of a MLD/50/30-day dose of X-ray on bone has been studied by X-ray crystallography, by biochemical and by histological methods. The collagen structure is changed and "dwarf" crystals of 10^{-4} mm size grow on stable hydroxyapatite crystals 14 days after exposure.

The amylase and alkaline phosphatase activity is decreased after 1 week, but returns to a norm at least after 30-40 days.

Resorption of bone, degeneration of epiphyseal cartilage, and also repair processes, are abnormal. Some of these changes are the result of disturbances in the nerve and blood supply and in metabolism.

The Central Institute of Traumatology and Orthopedics under the USSR Ministry of Public Health, USSR

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report presented at the 2nd Intl. Congress of Radiation Research,
Harrogate/Yorkshire, Gt. Brit. 5-11 Aug 1962

TORBENKO, V.P. (Moskva Ye-370, 4-ya Grazhdanskaya ul., d.43, korp. 4.
kv.16)

Biochemical processes in the calcification of bone tissue.
Ortop. tramv. protez. 24 no. 7:76-83 Jl'63 (MIRA 17:2)

POLYAKOV, V.A.; TORBENKO, V.F.; PAVLOVA, M.N.

Characteristics of the regeneration processes of bone tissue in
irradiated animals. Ortop., travm. i protez. 26 no.12:7-11
(MIRA 1961)
D '65.

1. Iz TSentral'nogo instituta travmatologii i ortopedii
(direktor - chlen-korrespondent AMN SSSR prof.M.V. Volkov).
Adres avtorov: Moskva 4-299, ul.Prioreva, d.10, TSentral'nyy
institut travmatologii i ortopedii. Submitted March 25, 1965.

VOLCHOK, A.K.; KASAVINA, B.S.; PANOV, M.I.; TORBENKO, V.P.

Biochemical changes in the organism following the failure of fractures
to heal. Ortop.travm. i protez. 20 no.8:45-48 Ag '59. (MIRA 12:11)

1. Iz Tsentral'nogo instituta travmatologii i ortopedii (dir. - deyst-
vitel'nyy chlen AMN SSSR prof. N.N. Priorov).
(FRACTURES, UNUNITED, chemistry)

TORBENKOV, G.M.; SKURIDIN, V.P.; YANKO-TRINITSKIY, A.A.

Device for taking oscillograms of the working angle of a slow-running synchronous motor during the presence of transients.
Elektrichestvo no.4:89-90 Ap '63. (MIRA 16:5)

1. Ural'skiy politekhnicheskiy institut.
(Transients (Electricity))
(Electric machinery, Synchronous)

TORBENKOV, Gennadiy Moiseyevich, aspirant; SKURIDIN, Vladimir Petrovich, cand.
tekhn.nauk, docent; YANKO-TRINITSKIY, Aleksandr Aleksandrovich, doktor
tekhn.nauk, prof.

Analysis of some sources of error in electronic impulse-type phase
meters, Izv.vys.uchab.zav.; elektromekh. 8 no.9:1049-1055 '65.
(MIRA 18:10)

1. Kafedra teoreticheskikh osnov elektrotehniki Ural'skogo
politekhnicheskogo instituta (for Torbenkov). 2. Kafedra
avtomatiki i telomechaniki Ural'skogo politekhnicheskogo instituta
(for Skuridin). 3. Zaveduyushchiy kafedroy teoreticheskikh osnov
elektrotehniki Ural'skogo politekhnicheskogo instituta (for Yanko-
Trinitskiy).

TORBELYEV, Z.S.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
BELINICHIER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
YES'KOV, K.A.; ZGIBRSKIY, Ch.I.; IGANT'YEV, M.I.; KORUSHKIN, Ye.N.;
KUZ'MOV, N.T.; PATSKLEVICH, I.R.; PICHAK, F.I.; PATTSES, V.B.;
HUDAKOV, A.S.; SAPRYKIN, V.M.; SIDOROV, F.F.; UMINSKIY, Ye.A.;
KHANZHIN, P.K.; CHMIREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand. tekhn.
nauk, retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBELEV, Z.S.,
kand. tekhn. nauk, retsenzent; POLKANOV, I.P., kand. tekhn. nauk,
retsenzent; IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M.,
inzh., retsenzent; YERMAKOV, N.P., tekhn. red.; SARAFANNIKOVA, G.A.,
tekhn. red.

[Reference manual for the agricultural machine operator] Spravochnik
mekhanizatora sel'skogo khoziaistva. Pt.2. [Repair of tractors and
agricultural machinery] Remont traktorov i sel'skokhoziaistvennykh
mashin. Pod red. N.M. Bushueva. Moskva, Gos. nauchno-tekhn. izd-
vo mashinostroit. lit-ry. 1957. 335 p. (MIRA 11:9)
(Agricultural machinery—Maintenance and repair)

TORBELYEV, Z.S.; POSTNIKOV, N.M.; TREYVAS, A.B., doktor sel'khoz.
nauk, prof., ratsenzent; CHURMANOVA, V.V., tekhn. red.

[Potato planting machines; theory, design, and calculations]
Kartofeleposadochnye mashiny; teoriia, konstruktsiia i ras-
chet. Moskva, Mashgiz, 1963. 145 p. (MIRA 16:7)
(Planters (Agricultural machinery)) (Potatoes)

TORBEYEV, Z.S.

ANDRYUSHCHENKO, Yu.S.; BAGIN, Yu.I.; BASHKIRTSEV, A.A.; BELEN'KOV, G.Ye.;
BELINICHER, I.Sh.; BUSHUYEV, N.M.; VAGANOV, A.K.; GASHEV, A.M.;
YES'KOV, K.A.; ZGIRSKII, Gh.I.; IGNAT'YEV, M.I.; KORUSHKIN, Ye.N.;
KUZ'MOV, N.T.; PATAKOVICH, I.R.; PICHAK, F.I.; RAYTSES, V.B.;
RUDAKOV, A.S.; SAFRYKIN, V.M., SIDOROV, F.F.; UMINSKIY, Ye.A.;
KHANZHIN, P.K.; CHIREMOVSKIY, Yu.I.; YERAKHTIN, D.D., kand.tekhn.nauk;
retsenzent; MAKAROV, M.P., inzh., retsenzent; TORBEYEV, Z.S., kand.
tekhn.nauk, retsenzent; POLKANOV, I.P., kand.tekhn.nauk, retsenzent;
IGNAT'YEV, M.G., agronom, retsenzent; GUTMAN, I.M., inzhener, retsenzent;
SARAFANNIKOVA, G.A., tekhn.red.; YERMAKOV, N.P., tekhn.red.

[Manual for agricultural mechanizers] Spravochnik mekhanizatora
sel'skogo khoziaistva. Moskva, Gos.nzuchno-tekhn.izd-vo mashinostroit.
lit-ry. Pt.1. [Tractors and automobiles, agricultural machinery and
implements, and operation of machine and tractor yards] Traktory i
avtomobili, sel'skokhoziaistvennye mashiny i orudiia, ekspluatatsiia
mashinno-traktornogo parka. Pod. red.N.M.Bushueva. 1957. 462 p.
(MIRA 10:12)

(Machine-tractor stations)

AKHMETOVA, R.S.; TORBEYEVA, D.R.; NEDOGREY, P.M.; LEKHTER, V.I.; FROLOV, A.P.

Improving the quality of highway asphalts obtained from
deasphaltization products. Khim.i tekhn.topl.i masel 8 no.2:20-23
(MIRA 16:10)
F '63.

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke
nefti, Ufimskiy neftepererabatyvayushchiy zavod im. XXII s"yezda
Kommunisticheskoy partii Sovetskogo Soyuza.

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2

AKHMETOVA, R.S.; TORBEYEVA, L.R.; KIRILLOV, T.S.

Obtaining structural bitumens from the waste products of petroleum
production on a continuous-oxidation unit. Trudy Bash NIINP no. 5:140-
150 '62. (MIRA 17:10)

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2"

AKHMETOVA, R.S.; FRYAZINOV, V.V., TORBEYEVA, L.R.

Preparation of road bitumen from Arlan oil. Khim. i tekhn. topl. i
masel 10 no.8:15-19 Ag '65. (MIRA 18:9)

1. Bashkirskiy nauchno-issledovatel'skiy institut po pererabotke nafti.

TORBICKA, EMILIA

PATZEROWA, Teresa; TORBICKA, Emilia

Frequency of urinary diseases in children. Pediat. polska 34 no.3:
299-305 Mar 59.

1. Z Oddz. Wewnetrznego Miejskiego Szpitala dla Dzieci Nr 1 w Warszawie
Kierownik Oddzialu: prof. dr med T. Chrapowicki. Adres: Warszawa, ul.
Malczewskiego 34b.

(URINARY TRACT, diseases,
in child. (Pol))

TORBICKA, Emilia (Warszawa, ul. Kopernika 43, Miejski Szpit. dla Dzieci Nr 1.)

Hipoproteinemia idiopathica. Pediat. polska 34 no.3:307-313 Mar 59.

l. Z Oddz. Wewnętrznego Miejskiego Szpitala Dziecięcego Nr 1 w Warszawie

Kierownik Oddziału: prof. dr med. T. Chrapowicki.

(BLOOD PROTEINS, deficiency

idiopathic hypoproteinemia in child. (Pol))

PATZEROWA, Teresa; TORBICKA, Emilia

Case of pancreatic cyst in a 6 year old boy. Pediat.polska 33 no.2:1944
1947- Feb 58.

1. Z Oddzialu Wewnetrznego Warazawskiego Szpitala Dzieciecego
Nr. 1 Dyrektor Szpitala: prof. dr med. R. Stankiewicz Kierownik
Oddzialu: prof. dr. med. T. Chrapowicki. Adres: Warszawa, ul.
Kopernika 43.

(PANCREAS, cysts
in boy, case report (Pol))

GASECKI, Waclaw; TORBICKA, Emilia

Results of the study of the effect of corticosteroid and
salicylate therapy on the degree of gastric juice acidity
in children with rheumatic fever. Pediat. pol. 38 no.3:261-
270 '63.

1. Z Oddzialu Wewnetrznego Miejskiego Szpitala Dzieciecego
nr 1 w Warszawie Ordynator: dr med. W. Gasecki.
(RHEUMATIC FEVER) (GASTRIC JUICE)
(ADRENAL CORTEX HORMONES) (SALICYLATES)

TORBICZ, Wladyslaw

Fast-operating magnetic amplifier with reversible half-wave
output. Archiw automat 8 no.2:189-221 '63

l. Zaklad Elementow Elektrycznych, Instytut Automatyki, Polska
Akademia Nauk, Warszawa.

TORBICZ, Wladyslaw

Application of Hall's elements to directional power protection.
Przegl elektrotechn 38 no.4:155-159 Ap '62.

1. Zaklad Elektrotechniki Instytutu Podstawowych Problemow
Techniki Polskiej Akademii Nauk.

P/021/62/000/004/001/001
D271/D308

9.4370

AUTHOR:

Torbicz, Włodzimierz

TITLE:

Application of Hall-effect sensing elements to
directional protection of electrical power systems

PERIODICAL:

Przeglad elektrotechniczny, no. 4, 1962, 155-159

TEXT: A directional relay is described which is based on a Hall-effect probe of Polish production; relays of this type can be constructed with parameters approximating those of induction relays. With a fast-operating follow-on electromechanical relay it is necessary to eliminate the AC component of the probe output voltage. Three circuits which can be used for this purpose are shown and discussed; they are based on the use of two Hall probes connected in such a manner that dc components add and ac components subtract; the sensitivity of the system is doubled in comparison with a single element. Design formulas are given for all circuits. One of the circuits is analyzed in detail; each probe is located in the gap of the transformer supply.

Card 1/2

✓B

Application of Hall-effect ...

P/021/62/000/004/001/001
D271/D308

✓
B

ing excitation to the other probe. The formula for the Hall voltage is identical with the expression for the moment of an induction relay; the circuit follows the cosine law. Conditions are found for matching the follow-on relay to the probe, for maximum permissible excitation and for maximum obtainable power. InSb is the most suitable material for the probe. The effect of the change in Hall constant with temperature is partly compensated by the change in resistance. Non-linear elements are included in the voltage circuit to avoid reduction of the directional sensitivity with low voltages. Nominal data are given for the experimental relay developed for protection from ground short-circuits of lines with zero point not grounded; a Siemens polarized relay is used as a follow-on device; operating time is 0.02 sec. There are 9 figures and 2 tables.

ASSOCIATION: Zakład elektrotechniki IPPT PAN (Electrical Engineering Enterprise, IPPT PAS)

Card 2/2

TORBIN, B.F., inzh.; UBAYDULLAYEV, Kh.; ZUFAROV, D.Z., inzh.; Prinimali
uchastiye: TONKIKH, P.I.; TORBINA, N.A.

Preparation of cottonseed meal for storage. Masl.-zhir.prom.
28 no.2:39-42 F '62. (MIRA 15:5)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta zhirov (for Torbin, Ubaydullaev). 2. Yangiyul'skiy
maslozhirovoy kombinat (for Zufarov).
(Cottonseed)

TORBIN, B.F., inzh.; Prinimali uchastiye: TORBINA, N.A.; TRET'YAKOVA, A.A.

Reducing the losses of benzene in oil cakes. Masl.-zhir. prom.
29 no.3:34-35 Mr '63. (MIRA 16:4)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Torbin, Torbina). 2. Ferganskiy maslozhirovoy kombinat (for Tret'yakova).
(Oils and fats)

TORBIN, B.F., inzh.; Prinimali uchastiye: TORBINA, N.A.; TRET'YAKOVA, A.A.

Reducing the losses of benzens in oil cakes. Masl.-zhir. prom.
(MIRA 16z4)
29 no.3:34-35 Mr '63.

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhivotov (for Torbin, Torbina). 2. Ferganskiy maslozhirovoy kombinat (for Tret'yakova).
(Oils and fats)

PA 16T53

TORBIN, B. G.

USSR/Medicine - Ophthalmology
Medicine - Penicillin

Jan 1947

"Experience with the Use of Penicillin in
Ophthalmology," Prof B. G. Torbin, Director, Eye
Clinic of Gor'k'y Medical Institute imeni S. M.
Kirov, 6 pp

"Oftalmologicheskiy Zhurnal" Vol II, No 1

Gives detailed reports, with examples, of failure
in attempting to cure trachoma with penicillin,
but of success against hypopion - keratitis;
favorable results are reported with conjunctivitis,
meningitis, etc. Its possibilities for curing
post-operation infections should be tested.

16T53

TORBIN, I.; NIKOL'SKIY, K.; UMNOV, N.

Provide collective and state farms with high-quality seed corn.
Muk.-elev. prom. 25 no.8:6-8 Ag '59. (MIRA 13:1)

1. Krasnodarskoye krayevoye upravleniye khleboproduktov.
(Corn (Maize))

NOVAK, N., inzh.; TORBIN, I., inzh.; RUDOV, M., inzh.

Compressing straw and corn cobs into feed briquettes. Muk.-elev.
(MIRA 13:1)
prom. 25 no. 4:14-17 Ap '59.

- 1.Glavnoye upravleniye mukomol'noy, krupyanoy i kombikormovoy
promyshlennosti Ministerstva khleboproduktov RSFSR (for Novak).
- 2.Krasnodarskoye krayevoye upravleniye khleboproduktov (for Torbin).
- 3.Gul'kevicheskiy kombikormovy zavod (for Rudov).
(Feeds) (Straw)

TORBIN, I., inzhener; SHCHERBAK, L., inzhener; RUDOV, M., inzhener.

Processing film-free oat products for commercial feed. Muk.-elev.
(MLRA 10:5)
prom. 23 no.3:22-23 Mr '57.

1. Gul'kevichskiy kombikormovyj zavod.
(Oatmeal)

TORBIN, I.;DOKUKIN, D.;RUDOV, M.

Determining the productive capacity of feed mills. Muk.-elev.prom.
(MILRA 9:1)
21 no.10:19-20 0 '55.

1.Krasnodarskiy trast Glavmuki.
(Feed mills)

TORBIN, I.; RUDOV, M.; KOTLYAREVSKAYA, G.

Make the analysis of mixed feed quality speedier and cheaper.
Muk.-elev.prom. 21 no. 4:28 Ap '55. (MLRA 8:7)

1. Krasnodarskiy treat Glavmuki
(Feeding and feeding stuffs)

TORBIN, M. - BOLMOSOV, A.

Moving-picture Projection - Soroki

School for motion-picture operators at Soroki. Kinomekhanik no. 12, 1952

9. Monthly List of Russian Accessions, Library of Congress, May 1953, Uncl.

TORBIN, M.

We are mastering the practices of experienced excavators. Mast.ugl.
5 no.5:10-12 My '56. (MLRA 9:8)

1. Ekskavatorshchiki ugol'nogo razreza No. 1 tresta Korkinugol'.
(Chelyabinsk Basin--Coal mines and mining)
(Excavating machinery)

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APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2"

"APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2

Detainee: [REDACTED] - [REDACTED] - [REDACTED] - [REDACTED]
[REDACTED]

APPROVED FOR RELEASE: 08/31/2001

CIA-RDP86-00513R001756320005-2"

Torbin, M.V.

✓ Stability of supersaturated solutions in the system "calcium carbonate-water-carbon dioxide". M. V. Torbin and A. D. Konenko (Ukr. khim. Zh., 1954, 20, 573-582). The high values for the bicarbonate equilibrium constant found for many summer samples of pond and stream water indicated that these were supersaturated with respect to Ca bicarbonate. It was established experimentally that the factor $\rho = (c - c_0)/c_0$, where c is the concn. of a supersaturated solution and c_0 is the true solubility, has, for metastable solutions of Ca bicarbonate, a max. value of 2.4, above which the solutions become labile. The supersaturation is favoured by the fact that the solid phase which can be pptd. (i.e. CaCO_3) differs in composition from the solute.

F. W. KIRKBRIDE

KASHCHAYEVA, M.N., inzh.; TORBIN, N.M., inzh.

Volt-second characteristics and discharge delay in the breakdown
of some solid dielectrics. Izv. vys. ucheb. zav.; energ. 5
no.1:24-29 Ja '62. (MIRA 15:2)

1. Tomskiy ordena Trudovogo Krasnogo Znameni politekhnicheskiy
institut imeni S.M.Kirova. Predstavлено семинаром кафедры
tekhniki vysokikh napryazheniy.
(Dielectrics)

VOROB'YEV, A.A.; VOROB'YEV, G.A.; TORBIN, N.M.

Discharge formation processes in solid dielectrics. Fiz.tver.tela
3 no.11:3272-3277 N '61.
(MIRA 14:10)

1. Tomskiy politekhnicheskiy institut im. S.M.Kirova.
(Electric discharges) (Dielectrics)

L 04260-67 EWT(1)/EWT(m)/EWP(j)/T IJP(e) GG/RM

ACC NR: AR6010506

SOURCE CODE: UR/0196/65/000/010/B007/B007

92

B

AUTHOR: Rumyantsev, D. D.; Torbin, N. M.

TITLE: Effect of barriers on the penetration voltage of certain solid dielectrics

SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 10B43

REF SOURCE: Sb. Proboy dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 170-172

TOPIC TAGS: dielectric penetrability, solid dielectric, dielectric material, polyethylene, mica, metal foil

ABSTRACT: The presence of PE [polyethylene] mica, and metal foil barriers in rock salt, glass, and celluloid gives a 10-70% increase in penetration voltage. The maximum gain of penetration voltage in a solid dielectric is observed with the location of the barrier near the whisker or at a distance of 0.5 mm from it. The maximum value of the penetration voltage of celluloid in the presence of a barrier of PE-film is observed in a case of dc voltage with a positive polarity of the whisker (up to 170% without the barrier). The development of a charge in solid and gaseous dielectrics is somewhat analogous. [Translation of abstract] 4 illustrations and bibliography of 6 titles. [Tomsk Polytechnical Institute im. S. M. Kirov (Tomskiy politehnich. in-t)] A. Petrashko

SUR CODE: 11.20

1/1

UDC:621.315.61.015.51

L 46780-66 EWT(1)/EWT(m)/EMP(j)/T/EMP(t)/ETI IJP(c) RM/JD/MM/JG/WB
ACC NR: AR6014537 SOURCE CODE: UR/0196/65/000/011/B004/B004

AUTHOR: Ushakov, V. Ya.; Torbin, N. M. 55
TITLE: Development of discharge in solid dielectrics 3
SOURCE: Ref. zh. Elektrotehnika i energetika, Abs. 11B21
REF SOURCE: Sb. Proboy dielektrikov i poluprovodnikov. M.-L., Energiya, 1964, 124-127
TOPIC TAGS: solid dielectric, dielectric breakdown, electric discharge

ABSTRACT: By means of a limited-duration voltage impulses, experimental results on the discharge development were obtained; the solid dielectrics used were: 35-mm thick rock salt¹NaCl¹ and 20-mm thick plexiglas placed in a point(+) - plane(-) field. The luminescence that accompanied the discharge was photographed, and the incomplete-breakdown streamers were studied with microscope. The growing discharge channels are oriented along the crystallographic direction in NaCl crystals depending on the overvoltage; in the plexiglas, the discharges develop like in air. The luminescent zone of the discharge channels exceeds by hundreds of times the actual size of channel in the solid dielectric. The channel size decreases from 32 to 19 microns counting from the electrode into the dielectric. Initial stages of the incomplete breakdown channel in NaCl represent alternate disturbed and intact sections of the dielectric. The molten channel walls can be explained by the thermal nature of the breakdown. The intense luminescence and high speed of the discharge development (up to 10⁷ cm/sec) can be explained by thermo- and photo-ionization. The discharge

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UDC: 621.315.61.015.51

L 46780-66

ACC NR: AR6014537

development speed depends on the overvoltage (from 2×10^6 to 1.5×10^7 cm/sec for overvoltages of 1 to 1.75, respectively). The dielectrics possessing higher electric strength have higher speeds of the discharge development. Four figures. Bibliography of 14 titles. N. Torbin [Translation of abstract]

SUB CODE: 09, 11

hs

Card 2/2

32552
S/143/62/000/001/001/001
D223/D302

9.2110 (100, 1136, 1153)

AUTHORS: Kashchayeva, U.N. and Torbin, N.M.

TITLE: Volt-second characteristics and delay of discharge in electrical breakdown of some solid dielectrics

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Energetika, no. 1,
1962, 24-29

TEXT: The author gives the results of investigations of the breakdown voltage as a function of the time, during which voltage is applied. The materials examined were: Organic glass, fluoro-plast-4, viniplast, ger-tinase, textolite and electrical cardboard. The time varied between $3 \cdot 10^{-8}$ and 10^{-4} sec. Each point was evaluated. The time varied between $3 \cdot 10^{-8}$ and 10^{-4} sec. Graphs show that the increase of breakdown voltage is constant for most dielectrics at 10^{-6} sec., whereas in homogeneous fields the increase of breakdown voltage is explained by the delay of the tests. It is concluded that for exposure time 7×10^{-5} to 5×10^{-7} sec. the breakdown voltage is constant for the time used in these tests. The increase of breakdown voltage is explained by the delay of the

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Volt-second characteristics ...

32552
S/143/62/000/001/001/001
D223/D302

discharge. When the thickness is increased the delay increases linearly. The delay time is greater and speed of the discharge formation lower for inhomogeneous dielectrics. The discharge speed is for polymers $(8-5) \times 10^6$; for layer dielectrics $(6-3) \times 10^6$; for crystalline dielectrics $(0.5-1) \times 10^6$, and for liquid dielectrics 10^{+4} cm/sec. Hence if the stated breakdown voltages are equal, the delay time will increase in the order given above. It is found that the breakdown voltage for negative spike electrodes is higher than for the positive ones. There are 7 figures, 1 table and 12 references, 10 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: J.H. Mason, Breakdown of solid dielectrics in divergent field. Proc. I.E.E. Monog. 127, 1955. 12. T.W. Liao and I.G. Anderson, Propagation mechanism of impulse corona and breakdown in oil. Trans. of Am. Inst. El. Eng., 72, 641-647, 1953.

ASSOCIATION: Tomskiy ordena trudovogo krasnogo znameni politekhnicheskiy institut imeni S.M. Kirova (Tomsk Order of the Red Banner of Labor Polytechnic Institute imeni S.M. Kirov)

SUBMITTED: February 8, 1961
Card 2/2

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